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# TRANSMITTAL FORM

Application Number	10/790,498			
Filing Date	March 1, 2004			
First Named Inventor	Alexandros Makriyannis			
Title	Novel Pyrazole Analogs Acting on Cannabinoid Receptors			
Group Art Unit	1614			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	UCONAP/226/US			

<b>ENCLOSURES</b>					
	Response to Office Action		Preliminary Amendment		
	Information Disclosure Statement- Including (8) References	$\boxtimes$	Postcard reflecting enclosures		
	Other:				
It is hereby petitioned that any required extension of time be granted for filing the amendment.  An extension of month(s) having a fee of \$ appears required.					
A check in the amount of \$o0 is attached. Please credit any overpayment to Deposit Account 16-2563 of Alix, Yale & Ristas, LLP.					
<ul> <li>The Commissioner is hereby requested and authorized to charge Deposit Account 16-2563 of Alix, Yale &amp; Ristas, LLP for any fee, not enclosed herewith, due for any reason in connection with the amendment or this or any other document accompanying the amendment, including (a) any filing fees under 37 CFR 1.16 for the presentation of extra claims and (b) any patent application processing fees under 37 CFR 1.17. A duplicate copy of this sheet is attached.</li> </ul>					
	SIGNATURE OF APPLICA	NT, AT1	TORNEY OR AGENT		
Firm or Individual name  Signature  Date  James E. Pietrowski Reg. No. 43,860  Attorney's Docket No. UCONAP/226/US					
·					
CERTIFICATE OF MAILING					
I hereby certify that this correspondence is being deposited on the date below with the United States Postal Service as First Class Mail in an envelope addressed to "Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-4450"."					
Typed o	or Printed Name James E. Piotrowski		Reg. No43,860		
Signatu	re ///		Date:		



Attorney Docket: UCONAP/226/US

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Alexandros Makriyannis et al

Application No.: 10/790,498 Examiner: Not Yet Assigned

Filing Date: 03/01/2004 Group Art Unit: 1614

For: Novel Pyrazole Analogs Acting on Cannabinoid Receptors

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

## <u>Information Disclosure Statement</u>

Applicant submits herewith patents, publications or other information of which they are aware and which they believe may be material to the examination of the above-identified application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(b) exists.

The SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT, pages 1-2, cited and enclosed herewith, provides a concise explanation of the relevance for each reference not in the English language as required by 37 C.F.R. § 1.98(a)(3). A written

Attorney Docket: UCONAP/226/US

English-language translation of the non-English language references is not readily

available to or within the possession, custody or control of Applicants.

For US national applications filed after June 30, 2003 and International applications

that have entered the national stage after June 30, 2003 a copy of a cited US patent or

cited US patent publication is NOT required. See OG Notices: 5 August 2003.

Accordingly, no copies of a cited US patent or cited US patent publication are enclosed.

A copy of each item other than a US patent or a US patent publication listed on the

attached INFORMATION DISCLOSURE CITATION IN AN APPLICATION is supplied

herewith.

For US national applications filed before June 30, 2003 and International

applications that have entered the national stage before June 30, 2003 a copy of each of

the items listed on the attached INFORMATION DISCLOSURE CITATION IN AN

APPLICATION is supplied herewith.

Respectfully submitted,

Alexandros Makriyannis et al

Date: 1/-5-04

750 Main Street- Suite 1400

Hartford, CT 06103-2721

(860) 527-9211

James E. Piotrowski

Registration No. 43,860

Alix, Yale & Ristas, LLP

Attorney for Applicants

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## **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

11-5-2004

Application No. Inventor 10/790,498 Alexandros Makriyannis et al Title Novel Pyrazole Analogs Acting on Cannabinoid Receptors Group Art Unit Filing Date Docket No. 03/01/2004

1614

UCONAP/226/US

## **UNITED STATES PATENT DOCUMENTS**

Examiner Initial-date	Document No.	Date	Name	Class
	2002/0119972	8/29/02	Leftheris et al (appears equivalent to WO 01/58869)	i
	5925768	7/20/99	Barth et al (appears equivalent to WO 97/21682)	
	5939429	8/17/99	Kunos et al	514
-				

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial-date	Document No.	Date	Country	Name	Translation
	EP 0 576 357	12/29/93	EP	Barth et al (including English bibliography and abstract)	no
	WO 97/21682	6/19/97	Int'l	Barth et al (including bibliography, appears equivalent to US5925768)	no
	WO 01/58869	8/16/01	Int'l	Leftheris et al (appears equivalent to US2002/011997)	in English

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial-date	
	Meschler, J. P., Kraichely, D. M., Wilken, G. H., Howlett, A. C.; "Inverse
	Agonist Properties of N-(Piperidin-1-yl)-5-(4-chlorophenyl)-1-(2,4-
	dichlorophenyl)-4-methyl-1H-pyrazole-3-carboxamide HCL (SR141716A)
	and 1-(2-Chlorophenyl)-4-cyano-5-(4-methoxyphenyl)-1H-pyrazole-3-
	carboxylic Acid Phenylamide (CP-272871) for the CB1 Cannabinoid
	Receptor"; Biochemical Pharmacology; (2000); vol. 60; no. 9; 1315-1322.
	الم bilo, O., Derocq, J., Segui, M., Le Fur, G., Casellas, P.; "Stimulation of
	peripheral cannabinoid receptor CB2 induces MCP-1 and IL-8 gene
	expression in human promyelocytic cell line HL60"; FEBS LETTERS; (1999);
	vol. 448; no. 21848; 273-277

INFORMATION DISCLOSURE	Application No. 10/790,498	Inventor Alexandros Makriyannis et al		
APPLICATION	Title Novel Pyrazole Analogs Acting on Cannabinoid Receptors			
	Filing Date 03/01/2004	Group Art Unit 1614	Docket No. UCONAP/226/US	
"Structural requireme	Quere, L., Boigegrain, R., Jeanjean, F., Gully, D., Evrard, G., Durant, F.; "Structural requirements of non-peptide neurotensin receptor antagonists"; J. Chem Soc., Perkin Trans. 2, (1996); 2639-2646.			
Griffin, G., Wray, E. J. Martin, B. R., Abood, selective antagonist, receptor absence in t	Griffin, G., Wray, E. J., Tao, Q., McAllister, S. D., Rorrer, W. K., Aung, M., Martin, B. R., Abood, M. E.; "Evaluation of the cannabinoid CB2 receptor selective antagonist, SR144528: further evidence for cannabinoid CB2 receptor absence in the rat central nervous system"; European Journal of Pharmacology; (1999); vol. 377; 117-125.			
i i	SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT for application no. 02 76 8751, pages 1-2,			
Examiner	Date Considered	······································		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.				

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